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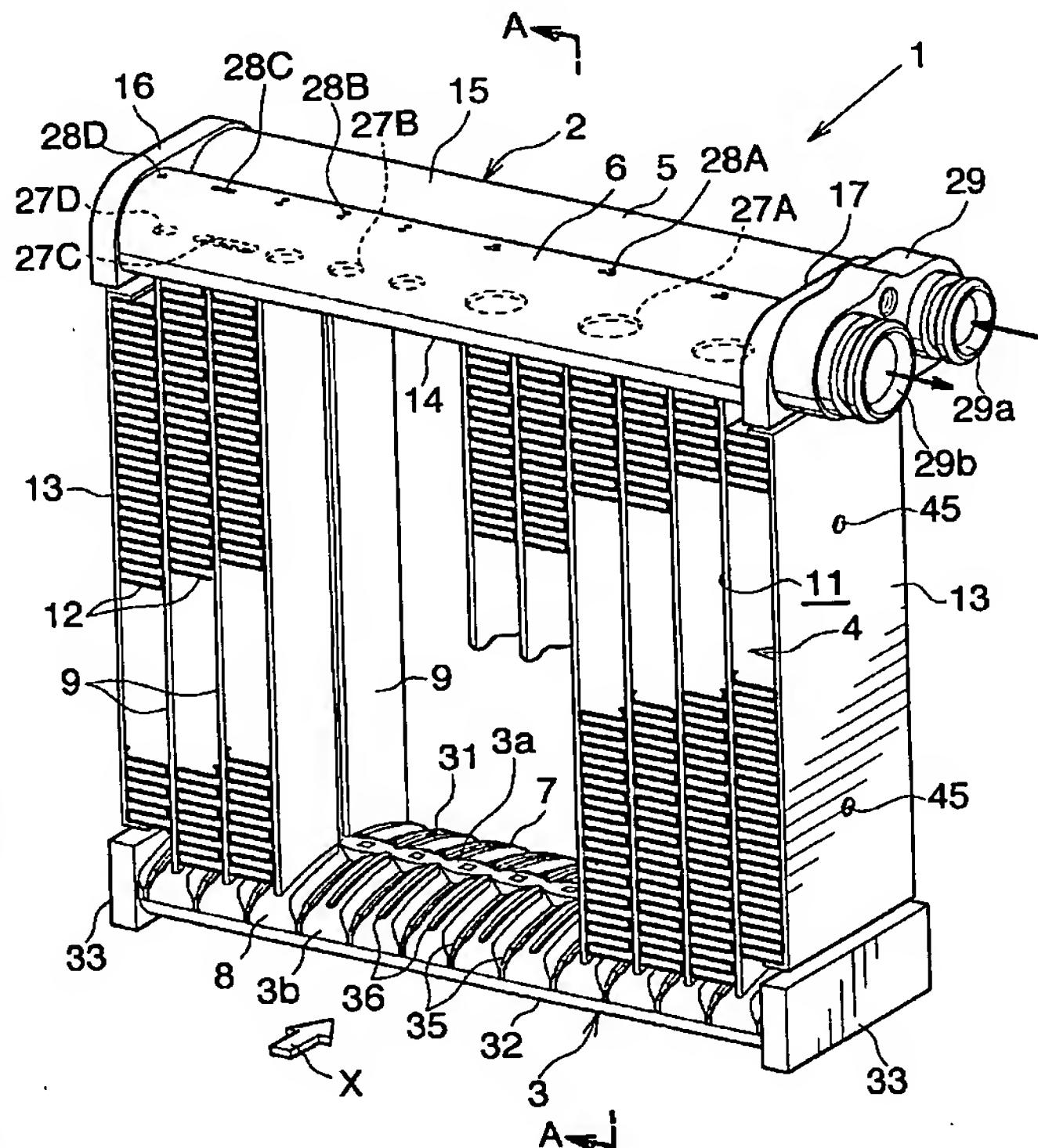
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(54) Title: HEAT EXCHANGER



(57) **Abstract:** A heat exchanger 1 comprises a heat exchange core 4 composed of a plurality of heat exchange tubes 9, a refrigerant inlet header 5 and a refrigerant outlet header 6 which are arranged toward one end of each heat exchange tube, and a refrigerant inflow header 7 and a refrigerant out flow header 8 which are arranged toward the other end of each heat exchange tube. The outlet header 6 has interior divided into two spaces 6a, 6b by a flow dividing resistance plate 26, and some of the heat exchange tubes 9 are joined to the outlet header 6 so as to communicate with the space 6b. The resistance plate 26 has a plurality of refrigerant passing holes 27A to 27D formed therein and different in shape and/or size. The outlet header 6 is provided on the outer surface thereof with identification marks 28A to 28D for discriminating the positions of the refrigerant passing holes 27A to 27D and representing the shapes and/or sizes of the holes. The heat exchanger 1 exhibits improved heat exchange performance when used as an evaporator.



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